

IBM DOCKET: FIS920030045US1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR:	James N. Humenik et al.)	EXAMINER:
)	
SERIAL NO.:)	ART UNIT:
)	
FILING DATE:)	DATE: April 24, 2003
)	
FOR:	FULLY AUTOMATED)	
	PASTE DISPENSE SYSTEM		
	FOR DISPENSING SMALL		
	DOTS AND LINES		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In accordance with 37 CFR 1.56, 1.97 and 1.98, the following items are made of record to assist the Patent & Trademark Office in its examination of this application and is, in the opinion of the attorney designated below for applicant(s), information relevant to the closest prior art of which that person is aware. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other art than that identified exists.

OTHER PUBLICATIONS

F. W. Chapin, "Solder Paste Application", IBM Technical Disclosure Bulletin, Vol. 15, No. 4, September 1972, page 1236.

A copy of each of the foregoing items and Form PTO 1449 are enclosed herewith.

Respectfully submitted,

By:



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BY SIGNATURE & DATE: Karen G. - Mars
8/21/03

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: FIS920030045US1	SERIAL NO.:
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: James N. Humenik et al.	
(Use several sheets if necessary) (37 CFR 1.98(b))		FILING DATE:	GROUP:

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA ✓	4,646,676	3/3/1987	Kidder et al.			
	AB ✓	4,784,582	11/15/1988	Howseman, Jr.			
	AC ✓	4,942,984	7/24/1990	Miller			
	AD ✓	4,942,998	7/24/1990	Horvath et al.			
	AE ✓	5,186,982	2/16/1993	Blette et al.			
	AF ✓	6,361,831	3/26/2002	Sato et al.			

EXAMINER INITIAL		PATENT APPLICATION NUMBER	PUBLICATION DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AG	US 2002/0037372 A1	3/28/2002	Sato et al.			
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	
	AR	
	AS	
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.		